Name: Tamșa Ioan Eduard
Contact Information:
GitHub: https://github.com/taeduard
Email: eduard.ioan.tamsa@gmail.com
Phone: +40755435885
Location: Hunedoara, Romania

Summary:
As a Cloud Engineer with experience in both contractor and full-time roles, I have demonstrated expertise in the development and implementation of complex, multi-cloud testing solutions. My technical skill set includes proficiency in multiple cloud platforms (AWS, Azure, and GCP), Terraform deployment scripts, and Kubernetes cluster management. Additionally, I have experience in leading development projects and making architectural decisions, as well as a strong background in software development, testing infrastructure, and CI/CD systems.

Work Experience:

Sjultra, inc., Cloud Engineer (Contractor)
February 2020 - Present

Led the development and implementation of The Multi-Cloud Test (MCT) project, a comprehensive solution consisting of Terraform deployment scripts that establish two parallel multi-cloud test labs for the setup, testing, and validation of various security solutions. Utilized a combination of Amazon AWS, Microsoft Azure, and Google Cloud Platform (GCP) to create complete virtual environments, incorporating virtual machines and Kubernetes clusters with matching application services, network connections, and user access controls to ensure efficient and effective testing.
Responsible for architectural decisions and the implementation of reporting tools, Infrastructure as Code (IaC) infrastructures, and other utility tools.
Technologies: Prisma Cloud, Terraform, Ansible, GCP, Azure, AWS, DevOps Pipelines, and Github Actions

SkyX, Software Developer
8 November 2018 - 15 January 2020

As a full stack developer, I have experience in NodeJS and React, which I honed through various projects such as creating two POC client-facing web applications, a demo presentation portal, and a flagged data viewing portal. I also developed internal monitoring web apps for drones and the data they collect. Additionally, I have experience in optimizing the build process through updates to Dockerfiles.
Proficient in technologies such as NodeJS, ReactJS, Docker, AWS (Buckets/Cognito), and MongoDB.

Cloudbase Solutions, Junior Cloud Engineer
26 February 2018 - 8 September 2018

Assisted in the integration of a Kubernetes-based CI/CD system, Prow, for testing the compatibility of Kubernetes within Azure cloud. Conducted integration tests on Kubernetes clusters deployed in Azure to verify their functionality with various versions. Enhanced tests to support Windows containers, improving their versatility. Proficient in Kubernetes, Docker, Linux, and Windows.

ITsysCOM, Junior Software Developer
01 January 2017 - 12 February 2018

Contributed to the development of a real-time telecommunication billing system (CGRateS) capable of handling high levels of concurrent connections. Improved the testing infrastructure and increased test coverage by 25%. Made improvements to integration tests and refactored the Migrator service. Proficient in technologies such as Golang, SQL (MySQL, Postgresql), and NO-SQL (Redis, MongoDB).

Education:
Bsc. in Computer Science, West University of Timișoara
October 2017 – July 2020

Volunteer Experience:
Microsoft Student Partners Timisoara
December 2018 – July 2020